

Claims

1 1. Subassembly for forming an electrical plug connection
2 component, formed by a contact element housing (2) with chambers (K) for seating
3 electrical contact elements, whereby the chambers have a radial opening (4) as the
4 engagement opening for a locking element (11) for latching a contact element that
5 is inserted into each chamber (K), and by a latching part (3) that can be connected
6 with the contact element housing (2) and that has at least one locking element (11),
7 characterized in that the latching part (3), which is found in at least two different
8 spatial locations, can be assembled with the contact element housing (2), and that
9 assigned to the latching part (3) is a latching device (15) for the mechanical latching
10 of the plug connection component formed by the subassembly (1, 1') with a mating
11 plug connection component.

1 2. Subassembly according to Claim 1, characterized in that the
2 means for the mechanical latching of the plug connection component formed by the
3 subassembly with a mating plug connection component is an insertion coding for the
4 correctly positioned connection of the plug connection component formed by the
5 subassembly with a mating plug connection component.

1 3. Subassembly according to Claim 1 or 2, characterized in that
2 the latching device (15) includes a locking bar (17) that has a barb-like configuration
3 and is formed onto a spring clip (16) that is provided as part of the latching part (3).

1 4. Subassembly according to Claim 3, characterized in that the
2 latching device (15) includes webs (19, 19') that surround the spring clip (16) in the
3 plugging direction, run parallel to them, and protrude from the surface of the
4 latching part (3).

1 5. Subassembly according to Claim 4, characterized in that the
2 webs (19, 19') make a transition into a collar (18) that surrounds the spring clip (16)
3 at its free ends.

1 6. Subassembly according to one of the Claims 1 through 5,
2 characterized in that the latching part (3) is formed like a clasp, by means of which
3 the contact element housing (2) is surrounded from one of its narrow sides.

1 7. Subassembly according to Claim 6, characterized in that the
2 latching part (3) includes guide elements (11, 12, 12') that engage in a guide groove
3 (5, 5') of the contact element housing (2).

1 8. Subassembly according to one of the Claims 1 through 5,
2 characterized in that the latching part has two formed-on prolongations that surround
3 the contact element housing on the side, with latching means for fastening the
4 latching part to the contact element housing.

1 9. Subassembly according to Claim 6 or 7, characterized in that
2 the latching part is held on the contact element housing by a catch or clip connection
3 element.